



THE FIFTH INTERNATIONAL POLAR YEAR: CURRENT STATUS, GAPS AND PROSPECTS FOR COOPERATION

POLAR2026

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Polar Research History for 150 years

	IPY-1 МПГ-1	IPY-2 МПГ-2	IPY-3 IGY МПГ-3-МГГ	IPY-4 МПГ-4	IPY-5 МПГ-5
Years	1882-83	1932-33	1957-58	2007-08	2032–2033
Countries involved	12	44	67	>60 with involvement of indigenous nations	Extended list with emphases on Eastern, Asian countries and international institutions, the additional expansion towards the concepts of individualism and inclusivity
Major disciplines in programs	meteorology, oceanography, glaciology, geomagnetism, auroral observations, and latitude/longitude determinations with significant collections of ethnological importance	meteorology, Earth magnetism, and aurorae, applying the new technologies of radio science, air reconnaissance and transport, stratospheric and ionospheric research	around 14 solar-terrestrial physics, geodesy and magnetospheric, glaciology, rockets and satellites with significant collections of ethnological importance	around 25 more than 460 international projects have been implemented in Arctic, Antarctic and with bi-polar focus from geology to biodiversity to atmospheric chemistry	Most of previous disciplines with special focus on interdisciplinary research, cognitive sciences, artificial intelligence anthropology, climate change
Planetary research extension	Mostly on ground, max 0,1 km above ground	Aerostat, aerosonde approx. 10 km above	Satellite approx. 100,000 km above	Spacecrafts approx. 72,000,000 km above	Space and World Ocean (in Depth Exploration)
Region of research interest	Arctic, Antarctic	Arctic	Global but with the special focus on polar regions	Arctic, Antarctic	Arctic, Antarctic, high-mountain systems Potentially Global

IPY-5 Structure



**5th
International
Polar Year
2032-33**

**Organisational
Structure**

IPY Executive Committee

Move planning efforts forward between IPY Planning Group Meetings and take overall responsibility for the direction and development of the IPY

Members: International Arctic Science Committee (IASC), Scientific Committee on Antarctic Research (SCAR), World Meteorological Organisation (WMO), International Science Council (ISC)

IPY Planning Group

- Composed of representatives of regional and international organisations
- Meets twice a year
- Provides input, advice and overall direction for the IPY planning process and the IPY Executive Committee
- Prepares, presents and assists in taking forward specific issues to the IPY Executive Committee

Members
(As of April 2025)

IASC	FARO
SCAR	IASSA
ISC	ICC
WMO/WCRP	ICED
UArctic	ICOMOS
AIA	IUGG
AFoPS	PCAPS of WWRP
AMAP	PEI
AnMAP	Saami Council
Antarctic InSync	SAON
APECS	SCOR
ASFF	SCOSTEP
ClIC	SIOS
COSPAR	SOOS
EPB	WRH

IPY Task Groups

- Short-term groups working on a specific issue to address a strategic aspect of the planning process
- Members nominated by IPY Planning Group from their organisations or other relevant experts
- Report on their work to the IPY Planning group during their biannual meetings

Task Group 1: Visions and Priorities for for IPY 2032/33

Task Group 2: IPY Indigenous Leadership and Involvement Coordination

Task Group 3: Country and Funders Involvement

Task Group 4: Capacity building and early career coordination

<https://ipy5.info/>

IPY Interim Secretariat

- Setting up and coordinating Task Groups
- Administrative support for the IPY Executive Committee and IPY Planning Group
- Preparation of promotional materials and presentations
- Preparing update reports to meetings of relevant bodies
- Content management of the IPY5 website (ipy5.info)

Staff

The IASC and SCAR Secretariats, along with staff from the International Science Council, are currently acting as an Interim IPY Secretariat until a longer term arrangement is put in place.

ipy-secretariat@iasc.info

Russian Representation at the IPY-5

Core Organizations

→ IPY-5 Executive Committee:

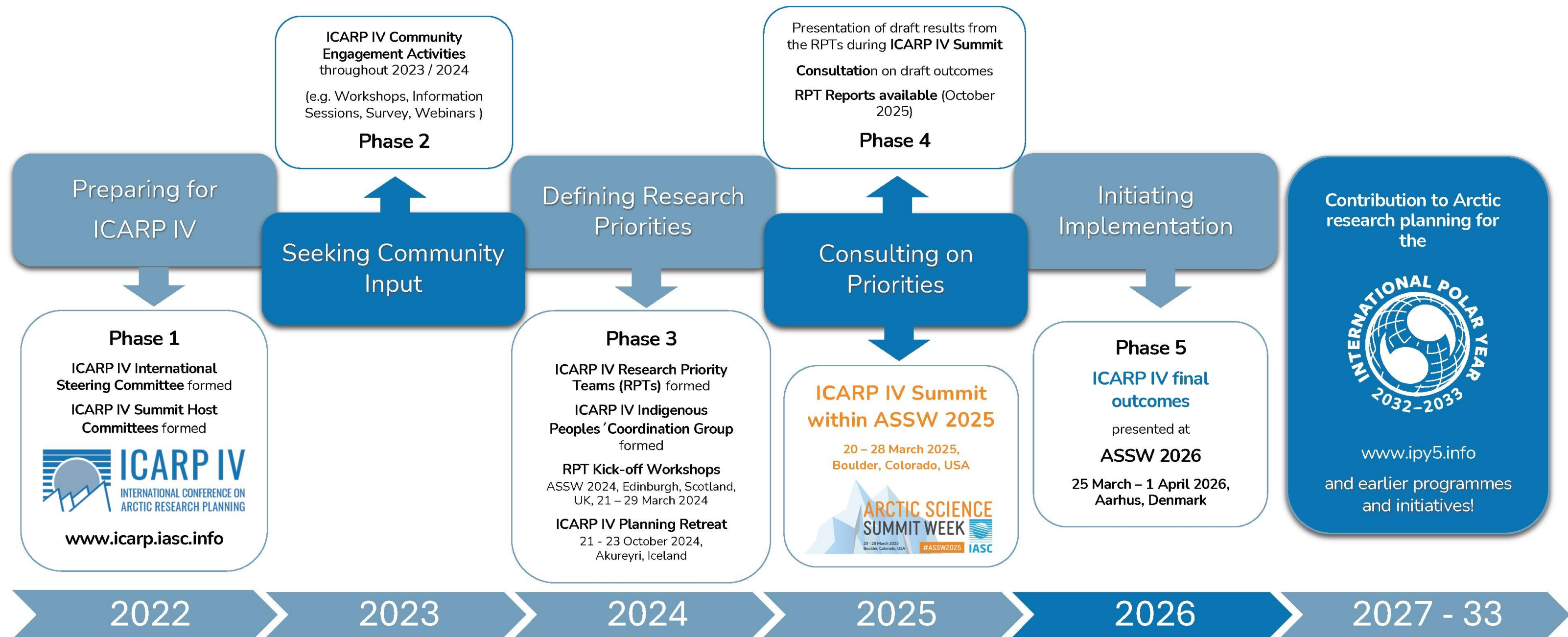
IASC – Russian Academy of Sciences and Arctic and Antarctic Research Institute

SCAR – Russian Academy of Sciences and Arctic and Antarctic Research Institute

ISC – national member from Russia – Russian Academy of Sciences

WMO – Russian Federal Service for Hydrometeorology and Environmental Monitoring (ROSHYDROMET)

IASC's preparation to IPY-5 through ICARPIV process



IPY-5 at ASSW2026: updates

ID-74: Inspiring National Involvement in the IPY-5 Meeting

29 March 2026 | 13:30 - 15:30 CEST / UTC+2

Open Session - HYBRID

Room: Mogens Zielerstuen (1422-125)

Organiser: Gerlis Fugmann (IASC, Iceland)

Session Description:

Meeting of the National Representatives Coordination Committee (NRCC) for the 5th International Polar Year

<https://assw.info/>



IPY-5 at ASSW2026: updates

- International Coordination Office (ICO) – bidding process: operational costs for 2027–2035; 1 June 2026 – final bids; decision to be made by the end of 2026
(Norway\Korea\Chile; USA\New Zealand; Indigenous office; combined funding)
- Meeting of National Representatives Coordination Committee (NRCC) – informal at ASSW2026, first formal meeting at ASSW2027 (Japan)
- Call for IPY-5 International Endorsement projects in 2026 (along with national endorsement)
- National Committees UPDs (IASC):

China – National Vision

Netherlands – discussions

Sweden – discussions

Norway – NS Secretariat, Science Plan

Germany – National Committee set up

UK – National Committee set up

USA – discussions

Spain – National Committee set up

Canada – discussions

Austria – discussions

Poland – discussions

Towards IPY-5: opportunities

- Gaps within ICARPIV Priorities Planning towards IPY-5 (SCAR, complex, holistic, international – connecting 2 poles);
- Regional BRICS Office involvement to IPY-5 – not competitive to national involvement but setting the possibility to enlarge and extend international (structural and funding) possibilities for ALL parties;
- International endorsement (of new and already existing projects and initiatives with outcomes of international importance).



**International
Polar Year**
2032-2033

POLAR2026|20 MAY



Thank you!

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